

Product datasheet for **SC217100**

CEACAM1 (NM_001024912) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CEACAM1 (NM_001024912) Human 3' UTR Clone
Symbol:	CEACAM1
Synonyms:	BGP; BGP1; BGPI
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001024912
Insert Size:	1966 bp



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Insert Sequence: >SC217100 3'UTR clone of NM_001024912
 The sequence shown below is from the reference sequence of NM_001024912. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGACCGGCAGCTCAGGACCACTCCAATGACCCACCTAACAGATGAATGAAGTTACTTATTCTACCCCT
GAACTTTGAAGCCAGCAACCCACACAACCAACTTCAGCCTCCCCATCCCTAACGCCACAGAAATAAT
TTATTCAGAAGTAAAAAGCAGTAATGAAACCTGTCTGCTCACTGCAGTGCTGATGATTTCAAGTCT
CTCACCCCTCATCACTAGGAGATTCTTTCCCTGTAGGGGTAGAGGGTGGGGACAGAAACAACTTCT
CCTACTTCTCTCTAATAGGCATCTCCAGGCTGCCTGGTCACTGCCCTCTCTCAGTGTCAATAGAT
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CAGAGCACTATTCTTCCCACCCCAAGTCTGTCTATCACTCTAATTCGGATTGGCCATAGCCTTGA
GGTTATGTCCTTTCCATTAAGTACATGTGCCAGGAAACAAGAGAGAGAGAAAGTAAAGGCAGTAATGC
CTTCTCTATTCTCAAAGCCTTGTGTGAACTCACAAACACAAGAAAATCAAATATATAACCAATAG
TGAAATGCCACACCTTTGTCCACTGTCAAGGTTGTCTACCTGTAGGATCAGGGTCTAAGCACCTTGGTG
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CCTTAGGTGAAAGAAACCACCGAAATCCCTCAGGTCCCTTGGTCAAGGAGCCTCTCAAGATTTTTTTTGT
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TCTAGGCACCTCAGACCAATCATCAACTACCATTCTATCCATGTTTGCACCTGTGCATTTTCTGTTT
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CCCTACAGGGACACTATCACTCATGCTGGTGGCATTGTTACAGCTAGAAAGCTGCACTGGTGTAAATG
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TCTATACTCAGGTACCTTTTCAAGGTTTTCTAACCTGACACGGACTGTGCATACTTTCCCTCATCCA
TGCTGTGCTGTGTTATTTAATTTTTCTGGCTAAGATCATGTCTGAATTATGTATGAAAATTATTCTAT
GTTTTTATAATAAAAATAATATATCAGACATCGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001024912.3](#)

Summary:

This gene encodes a member of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily. Two subgroups of the CEA family, the CEA cell adhesion molecules and the pregnancy-specific glycoproteins, are located within a 1.2 Mb cluster on the long arm of chromosome 19. Eleven pseudogenes of the CEA cell adhesion molecule subgroup are also found in the cluster. The encoded protein was originally described in bile ducts of liver as biliary glycoprotein. Subsequently, it was found to be a cell-cell adhesion molecule detected on leukocytes, epithelia, and endothelia. The encoded protein mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. Multiple cellular activities have been attributed to the encoded protein, including roles in the differentiation and arrangement of tissue three-dimensional structure, angiogenesis, apoptosis, tumor suppression, metastasis, and the modulation of innate and adaptive immune responses. Multiple transcript variants encoding different isoforms have been reported, but the full-length nature of all variants has not been defined. [provided by RefSeq, May 2010]

Locus ID:

634

MW:

74.6